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PATENT
Attorney Docket No. A-71486-2
Dorsey File No. 463077-00240

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DESJARLAIS et al.

Serial No.: 10/611,363

Filing Date: July 1, 2003

For: Novel Variants of RANKL Protein

Examiner: To Be Assigned

Art Unit: 1647

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with sufficient postage with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on:

Date: June 27, 2006

Signed: Victoria L. Poulsen
Victoria L. Poulsen

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
AND
STATEMENT OF RELATEDNESS**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying Form PTO/SB/08A-B, Substitute for form PTO 1449. This application is a continuation-in-part of the following related U.S. Application - Serial No. 10/338,785, filed January 6, 2003 (pending). The references cited on the accompanying form PTO/SB/08A-B, Substitute for form PTO-1449, marked with an asterisk (*), were previously disclosed in the above-mentioned application and in accordance with 37 C.F.R. § 1.98(d), no copies of these references are enclosed.

Serial No.: 10/611,373
Filing Date: July 1, 2003

Further, in accordance with the provisions of 37 C.F.R. §§ 1.97(c) and 1.97(e)(1), the undersigned certifies that the references listed on the enclosed substitute for form PTO-1449 marked with the symbol (†) were first cited in an International Search Report dated March 17, 2005, for counterpart PCT application PCT/US03/00393. A copy of the International Search Report for the counterpart PCT application is enclosed herewith.

Further, in accordance with the provisions of 37 C.F.R. §§ 1.97(c) and 1.97(e)(1), the undersigned certifies that the references listed on the enclosed substitute for form PTO-1449 marked with the symbol (††) were first cited in an International Search Report dated March 22, 2006, for related PCT application PCT/US2005/018130. A copy of the International Search Report for the related PCT application is enclosed herewith.

Further, in accordance with the provisions of 37 C.F.R. §§ 1.97(c) and 1.97(e)(1), the undersigned certifies that the references listed on the enclosed substitute for form PTO-1449 marked with the symbol (†††) were first cited in an International Search Report dated April 28, 2006 for counterpart EP application EP 03 71 3210. A copy of the International Search Report for the counterpart EP application is enclosed herewith.

Further, in accordance with 1273 Off. Gaz. Pat. Off. 1, 8/5/2003, no copies of U.S. patents and U.S. published applications are enclosed. Copies of all other references are enclosed.

With respect to patent applications, the applicants point out their duty under M.P.E.P. §2001.06(b) to disclose relevant patent applications of which they are aware. To this end, the applicants draw the Examiner's attention to the following patent applications:

1. U.S.S.N. 10/888,748, filed July 9, 2004;
2. U.S.S.N. 10/611,399, filed July 1, 2003;
3. U.S.S.N. 10/336,242, filed January 3, 2003;
4. U.S.S.N. 10/794,751, filed March 5, 2004; and
5. U.S.S.N. 10/820,465, filed March 31, 2004.

None of the foregoing references is believed to disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of any of the cited references, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present document shall not be construed as an admission that a search has been made or that better art does not exist.

Serial No.: 10/611,373
Filing Date: July 1, 2003

As far as is known to the undersigned, this Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national state in an international application, or before the mailing date of a first Office Action on the merits as set forth in 37 C.F.R. § 1.97(b), and therefore no fee is required.

While no further fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees, including extension fees or other relief which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 463077-00240 (A-71486-2/RMS/RMK)).

Please direct any calls in connection with this application to the undersigned at (415) 781-1989.

Respectfully submitted,
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Dated: 6/26/06
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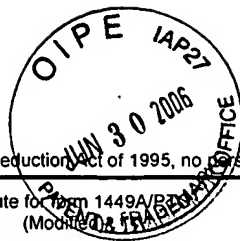
Robin M. Silva
Robin M. Silva, Reg. No. 38,304 for

Customer Number: 32940

Attachments:

Form PTO/SB/8A-B, Substitute for form PTO 1449
References (14)
International Search Reports (3)

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Substitute PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/611,363	
			Filing Date	July 1, 2003	
			First Named Inventor	DESJARLAIS, John R.	
			Art Unit	1647	
			Examiner Name	TBA	
Sheet	1	of	1	Attorney Docket Number	Docket A-71486-2 (463077-240)

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1 ††	US-2002-061525 A1	05-23-2002	Rodrigo et al.	
	A2 †	US-6242213 B1	06-05-2001	Anderson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B1 †††	WO 00/15807 A *	03-23-2000	M & E Biotech		
	B2 ††	WO 00/67034 A	11-09-2000	Immunex Corporation		
	B3 †††	WO 01/25277 A	04-12-2001	Maxygen APS		
	B4 †††	WO 01/42298 A	04-21-2001	Kornbluth		
	B5 †††	WO 01/64889 A	09-07-2001	Xencor		
	B6 ††	WO 02/18445 A	03-07-2002	Biogen, Inc.		
	B7 ††	WO 02/36141 A	05-10-2002	Immunex Corporation		
	B8 ††	WO 03/006154 A	01-23-2003	Xencor, Inc.		
	B9 ††	WO 03/029420 A	04-10-2003	Genentech, Inc.		
	B10 ††	WO 03/059281 A	07-24-2003	Xencor		
	B11 ††	WO 2004/081043 A	09-23-2004	Xencor		
	B12 ††	WO 2004/089982 A	10-21-2001	Xencor		
	B13 ††	WO 2005/035570 A	04-21-2005	Xencor, Inc.		
	B14 ††	WO 99/12965 A	03-18-1999	Biogen, Inc.		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶	
	C1 †††	Lacey D. L. et al. "Osteoprotegerin ligand is a cytokine that regulates osteoclast differentiation and activation" <i>Cell</i> Cell Press, Cambridge, MA, US, vol. 93, April 17, 1998, pps. 165-176 *		
	C2 †††	Steed, P.M. et al. "Inactivation of TNF signaling by rationally designed dominant-negative TNF variants" <i>Science (American Assoc for the Advancement of Science)</i> vol. 301, no. 5641, (2003) pps. 1895-1898		
	C3 †††	Yasuda H. Et. Al. "Osteoclast Differentiation factor is a ligand for osteoprotegerin/osteoclastogenesis –inhibitory factor and is identical to TRANCE/RANKYL" <i>Proc. Of Natl. Acad of Sci.</i> , (1998) vol. 95, pps. 3597-3602 *		

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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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